

UTILITY PATENT APPLICATION TRANSMITTAL

(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
46001

Total Pages in this Submission
25

TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application
P.O. Box 1450
Alexandria, VA 22313-1450

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

IMPROVED SODIUM BICARBONATE PRODUCTION

and invented by:

Andrew D. Kurtz

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: 09/910,540

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 18 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☒ Cross References to Related Applications (if applicable)
 - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
 - d. ☐ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix
 - e. ☒ Background of the Invention
 - f. ☒ Brief Summary of the Invention
 - g. ☒ Brief Description of the Drawings (if filed)
 - h. ☒ Detailed Description
 - i. ☒ Claim(s) as Classified Below
 - j. ☒ Abstract of the Disclosure

22386 U.S. PTO
10/674227



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Application Elements (Continued)

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☒ Formal Number of Sheets 2
- b. ☐ Informal Number of Sheets _____
4. ☒ Oath or Declaration
- a. ☒ Newly executed *(original or copy)* ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☒ With Power of Attorney ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby
incorporated by reference therein.
6. ☐ CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7. ☐ Application Data Sheet (See 37 CFR 1.76)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statement(s) Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

9. ☐ Assignment Papers *(cover sheet & document(s))*
10. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*
11. ☐ English Translation Document *(if applicable)*
12. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. ☒ Certificate of Mailing
- ☐ First Class ☒ Express Mail *(Specify Label No.):* EJ411762208US

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Accompanying Application Parts (Continued)

17. ☐ Additional Enclosures *(please identify below)*:

Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

18. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
46001

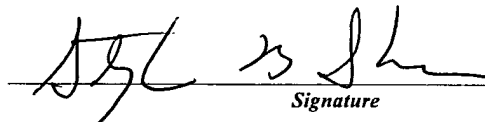
Total Pages in this Submission
25

Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	7	- 20 =	0	x \$18.00	\$0.00
Indep. Claims	3	- 3 =	0	x \$86.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$770.00
OTHER FEE (specify purpose) _____					\$0.00
TOTAL FILING FEE					\$770.00

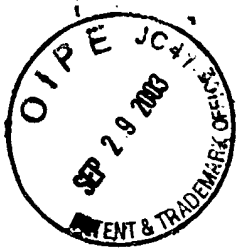
- ☐ A check in the amount of _____ to cover the filing fee is enclosed.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 03-1920 as described below.
- ☒ Charge the amount of \$770.00 as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).


Signature

Dated: September 29, 2003

Stephen B. Shear
Church & Dwight C., Inc.
469 N. Harrison Street
Princeton, NJ 08543
Tel: (609) 497-7415

cc:



US Serial No.: 09/910,540
Attorney Ref.: 46001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

Andrew D. Kurtz

SERIAL NO: 09/910,540

FILED: **June 20, 2001**

FOR: **IMPROVED SODIUM BICARBONATE
PRODUCTION METHOD**

Group Art Unit: 1754

Examiner: **KUHAR, Anthony J.**

CERTIFICATE OF EXPRESS MAILING

"Express Mail" Mailing Label No.: EJ411762208US

Date of Deposit: September 29, 2003

I hereby certify that the following:

- [xx] Certificate of Mailing
- [xx] Petition for One Month Extension of Time (in duplicate)
- [xx] Return Postcard

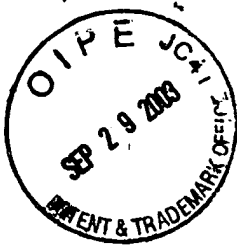
are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR Section 1.10 on the Date of Deposit indicated above in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Christine L. O'Rourke

Christine L. O'Rourke

Signature of Person Making Deposit

CHURCH & DWIGHT CO., INC.
469 North Harrison Street
Princeton, New Jersey 08543
(609) 683-7084



US Serial No.: 09/910,540
Attorney Ref.: 46001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

Andrew D. Kurtz

SERIAL NO: 09/910,540

FILED: June 20, 2001

**FOR: IMPROVED SODIUM BICARBONATE
PRODUCTION METHOD**

Group Art Unit: 1754

Examiner: **KUHAR, Anthony J.**

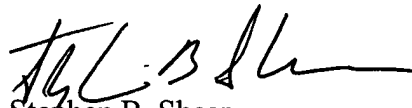
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith, in response to the Office Action of May 28, 2003, is a PETITION REQUESTING A ONE MONTH EXTENSION OF TIME UNDER 37 CFR 1.136(b).

A Continuation-in-part Application is being filed concurrently. With the filing of this CIP, applicants respectfully request that the prior application be abandoned as of the filing date of the request for a Continuation-in-part under 37 C.F.R. 1.53(b).

Sincerely,


Stephen B. Shear
Reg. No. 28,116

PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)
(Large Entity)

Docket No.
46001

In Re Application Of: Andrew D. Kurtz

Serial No.
09/910,540

Filing Date
7/20/01

Examiner
KUHAR, Anthony J.

Group Art Unit
1754

Invention: **IMPROVED SODIUM BICARBONATE PRODUCTION METHOD**

TO THE COMMISSIONER FOR PATENTS:

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the Office Action of May 28, 2003 above-identified application.
Date

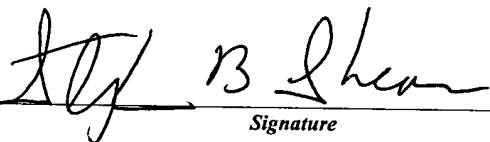
The requested extension is as follows (check time period desired):

☒ One month ☐ Two months ☐ Three months ☐ Four months ☐ Five months

from: August 28, 2003 until: September 28, 2003 (a Sunday)
Date *Date*

The fee for the extension of time is \$110 and is to be paid as follows:

- ☐ A check in the amount of the fee is enclosed.
- ☒ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 03-1920
- ☒ If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. 03-1920


Signature

Dated: September 29, 2003

Stephen B. Shear
Church & Dwight Co., Inc.
469 N. Harrison Street
Princeton, NJ 08628

I certify that this document and fee is being deposited on 9-29-03 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of Person Mailing Correspondence

Christine L. O'Rourke

Typed or Printed Name of Person Mailing Correspondence

CC:

Express Mail No. EJ41162208US
Attorney Ref.: 46001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

Group Art Unit: N/A

Andrew D. Kurtz

Examiner: N/A

SERIAL NO: **HEREWITH**

FILED: **HEREWITH**

FOR: **IMPROVED SODIUM BICARBONATE
PRODUCTION METHOD**

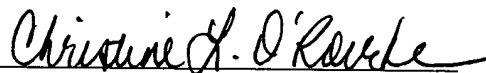
CERTIFICATE OF EXPRESS MAILING

“Express Mail” Mailing Label No.: EJ411762208US
Date of Deposit: September 29, 2003

I hereby certify that the following:

- [xx] Certificate of Mailing
- [xx] Continuation-in-Part Application Request Transmittal (in duplicate)
- [xx] Specification (12 sheets)
- [xx] Claims (3 sheets)
- [xx] Abstract (1 sheet)
- [xx] Drawing(s) (2 sheets)
- [xx] Return Postcard

are being deposited with the United States Postal Service “Express Mail Post Office to Addressee” service under 37 CFR Section 1.10 on the Date of Deposit indicated above in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



Christine L. O'Rourke

Signature of Person Making Deposit

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